



Docket No.: 62568(71699)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Marc A. Ostermeier et al.

Application No.: 10/588,114

Filed: July 27, 2006

For: METHODS FOR MAKING AND USING  
MOLECULAR SWITCHES INVOLVING  
CIRCULAR PERMUTATION

Confirmation No.: 3863

Art Unit: N/A

Examiner: Not Yet Assigned

**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date  
Granted mailed April 3, 2007, Applicant respectfully submits a Combined Declaration and  
Power of Attorney, a Sequence Listing Diskette, a Sequence Listing Paper Copy, a Petition  
for Extension of Time, and Part 2 Copy of Notice.

Please charge our Deposit Account No. 04-1105 in the amount of \$580.00  
covering the fees set forth in 37 CFR 1.17(a)(2) and 1.16(f). The Director is hereby  
authorized to charge any deficiency in the fees filed, asserted to be filed or which should  
have been filed herewith (or with any paper hereafter filed in this application by

08/07/2007 LLANDGRA 00000019 041105 10588114

01 FC:1617 130.00 DA  
02 FC:1252 450.00 DA

this firm) to our Deposit Account No. 04-1105, under Order No. 62568(71699). A duplicate copy of this paper is enclosed.

Dated: August 1, 2007

Respectfully submitted,

By   
Gregory B. Butler, Ph.D., Esq.

Registration No.: 34,558

EDWARDS ANGELL PALMER & DODGE  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

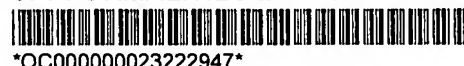
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/588,114	Marc Alan Ostermeier	62568(71699)

INTERNATIONAL APPLICATION NO.	
PCT/US05/02633	
I.A. FILING DATE	PRIORITY DATE
01/28/2005	01/28/2004

49383  
 EDWARDS ANGELL PALMER & DODGE LLP  
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 BOSTON, MA 02205

CONFIRMATION NO. 3863  
 371 FORMALITIES LETTER



\*OC000000023222947\*

Date Mailed: 04/03/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 07/27/2006
- Copy of the International Search Report filed on 07/27/2006
- Preliminary Amendments filed on 07/27/2006
- Information Disclosure Statements filed on 07/27/2006
- Biochemical Sequence Listing filed on 07/27/2006
- Small Entity Statement filed on 07/27/2006
- U.S. Basic National Fees filed on 07/27/2006
- Priority Documents filed on 07/27/2006
- Specification filed on 07/27/2006
- Claims filed on 07/27/2006
- Abstracts filed on 07/27/2006
- Drawings filed on 07/27/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

NOTED ON SYSTEM  
 SEE OTHER SIDE

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$65** for a Small Entity:

- **\$65 Surcharge.**
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

SHELBY J VIGIL

Telephone: (703) 308-9140 EXT 224

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/588,114	PCT/US05/02633	62568(71699)

FORM PCT/DO/EO/905 (371 Formalities Notice)